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LIST OF SYMBOLS

SYMBOL	DESCRIPTION
ρ	curvature of the longitudinal stress trajectory
a	radius at necking area
R	Radius of curvature
$\bar{\sigma}_z$	Equivalent stress
F	Force
A	Area
d	Diameter
ε_N	natural strain
ε_c	engineering strain
σ	true stress
E	Young's Modulud
$d\varepsilon$	increment of strain
$d\varepsilon_e$	elastic strain increment
$d\varepsilon_p$	plastic strain increment
$d\sigma$	stress increment
E_t	tangent modulus
ν	Poisson's ratio
ε_p	plastic strain
σ_Y	yield stress
k	characteristic constants

N	characteristic constants
σ_{v_M}	von-Mises equivalent stress
σ_{T_r}	Tresca equivalent stress
σ_θ	circumferential stress
σ_r	radial stress
τ_{max}	maximum shear